

Statistics Review Lesson 2 – Practice Set B - Handout

Name:

Date:

A large amount of data can be separated into same sized intervals or groupings. The intervals will be used to create dot plots and histograms. A histogram is a special kind of graph which shows continuous data and has no space in between its bars.

1. Quinn has collected data about the ages of the teachers in her school. There are 30 teachers who responded. Their ages run from 25 to 63. What intervals would you use to organize this data?
2. Faith is interested in how much soda her classmates drink in one day. She collects the following data which is in ounces. (1 can of soda = 12 ounces)

24, 12, 0, 36, 24, 30, 18, 12, 12, 48, 0, 36, 48, 24, 12, 12, 6, 6, 12, 0

- a. Complete the frequency table.

The number of Ounces of Soda
Students Drink in One Day

Ounces of soda	Number of students
0 – 11	
12 – 23	
24 – 35	
36 – 47	
48 – 59	

- b. Graph this data on the Histogram.

The number of Ounces of
Soda Students Drink in One
Day

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Ounces of Soda

3. Write two things you notice about the shape of the data.